

Abstract

Title: Europa: an Ocean World

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Jupiter moon's, Europa may have a liquid water global ocean some 100 km deep beneath its icy crust. First proposed as a theoretical possibility almost thirty years ago, evidence for such an ocean has accumulated with data from the Voyager and Galileo missions as well as terrestrial telescopic research. Dr. Johnson is the Project Scientist for the Galileo mission and will review the latest evidence for Europa's ocean and discuss plans for future exploration of this fascinating world.